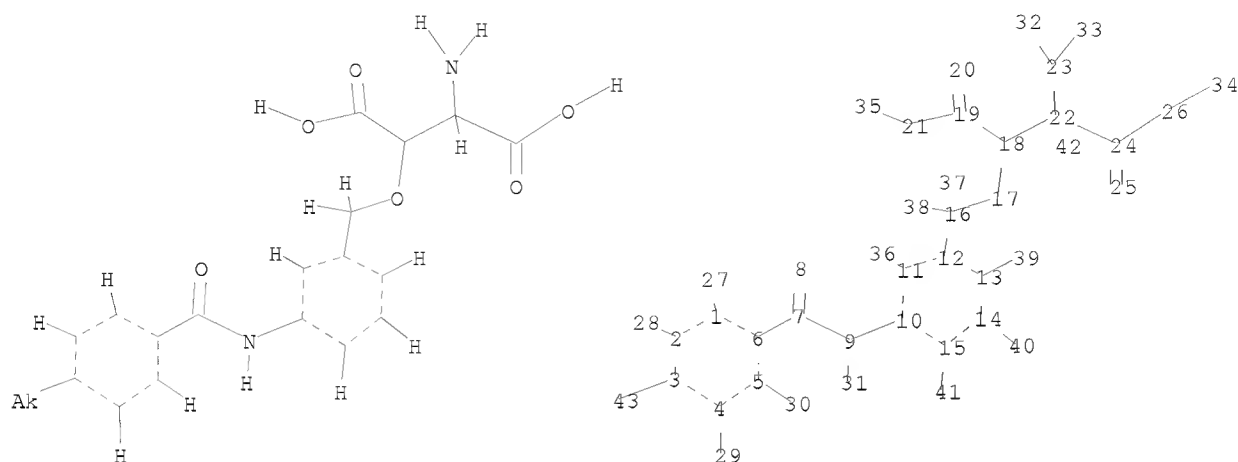


10/593034



chain nodes :

7 8 9 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34  
35 36 37 38 39 40 41 42 43

ring nodes :

1 2 3 4 5 6 10 11 12 13 14 15

chain bonds :

1-27 2-28 3-43 4-29 5-30 6-7 7-8 7-9 9-10 9-31 11-36 12-16 13-39 14-40  
15-41 16-17 16-37 16-38 17-18 18-19 18-22 19-20 19-21 21-35 22-23 22-24  
22-42 23-32 23-33 24-25 24-26 26-34

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 10-11 10-15 11-12 12-13 13-14 14-15

exact/norm bonds :

1-2 1-6 2-3 3-4 3-43 4-5 5-6 7-8 7-9 9-10 10-11 10-15 11-12 12-13  
13-14 14-15 16-17 17-18 22-23

exact bonds :

1-27 2-28 4-29 5-30 6-7 9-31 11-36 12-16 13-39 14-40 15-41 16-37 16-38  
18-19 18-22 21-35 22-24 22-42 23-32 23-33 26-34

normalized bonds :

19-20 19-21 24-25 24-26

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom  
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS  
28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS  
36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS

Generic attributes :

43:

Number of Carbon Atoms : less than 7

L1 STRUCTURE UPLOADED

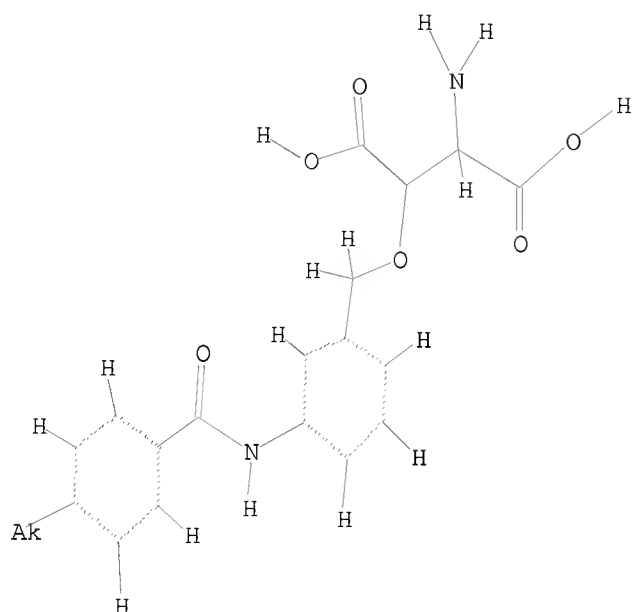
EXR: Michael Barker

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=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 12:37:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 131 TO ITERATE

100.0% PROCESSED 131 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

L2 6 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

191.54

191.76

FILE 'CAPLUS' ENTERED AT 12:37:23 ON 26 JUL 2010

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FILE COVERS 1907 - 26 Jul 2010 VOL 153 ISS 5  
FILE LAST UPDATED: 25 Jul 2010 (20100725/ED)  
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2010  
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CPlus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

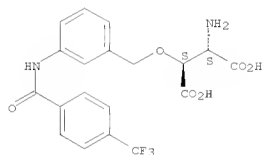
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L3 10 L2  
  
=> d ibib hitstr 1-10

EXR: Michael Barker

10/593034

L3 ANSWER 1 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2010:168084 CAPLUS  
 DOCUMENT NUMBER: 152:279363  
 TITLE: Inhibitory effects of (2S,3S)-3-[[3-[[4-(trifluoromethyl)benzoylamino]benzyloxy]aspartate (TFB-TBOA) on the astrocytic sodium responses to glutamate  
 AUTHOR(S): Bozzo, Luigi; Chatton, Jean-Yves  
 CORPORATE SOURCE: Department of Physiology, University of Lausanne, Switz.  
 SOURCE: Brain Research (2010), 1316, 27-34  
 CODEN: BRREAP; ISSN: 0006-8993  
 PUBLISHER: Elsevier B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 480439-73-4, TFB-TBOA  
 RL: PAC (Pharmacological activity); BIOL (Biological study) (inhibitory effects of (2S, 3S)-3-[[3-[[4-(trifluoromethyl)benzoylamino]benzyloxy]aspartate (TFB-TBOA) on astrocytic sodium responses to glutamate)  
 RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-(trifluoromethyl)benzoylamino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

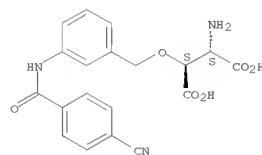
Absolute stereochemistry.



REFERENCE COUNT: 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS  
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L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2008:526914 CAPLUS  
 DOCUMENT NUMBER: 149:97846  
 TITLE: Fragmental modeling of human glutamate transporter EAAT1 and analysis of its binding modes by docking and pharmacophore mapping  
 AUTHOR(S): Pedretti, Alessandro; De Luca, Laura; Sciarillo, Cristina; Vistoli, Giulio  
 CORPORATE SOURCE: Istituto di Chimica Farmaceutica e Tossicologica "Pietro Pratesi", Facolta di Farmacia, Universita degli Studi di Milano, Milan, I-20133, Italy  
 SOURCE: ChemMedChem (2008), 3(1), 79-90  
 CODEN: CHEMGN; ISSN: 1860-7179  
 PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 480439-69-8 480439-73-4, TFB-TBOA  
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (fragmental modeling of human glutamate transporter EAAT1 and anal. of its binding modes by docking and pharmacophore mapping)  
 RN 480439-69-8 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-(cyanobenzoyl)amino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

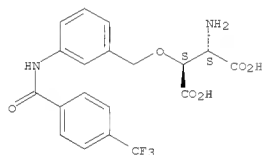
Absolute stereochemistry.



RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-(trifluoromethyl)benzoylamino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.

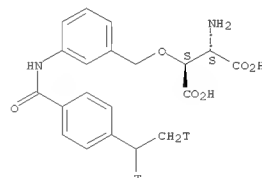
L3 ANSWER 2 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN (Continued)



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L3 ANSWER 3 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2007:22602 CAPLUS  
 DOCUMENT NUMBER: 146:244722  
 TITLE: Characterization of the tritium-labeled analog of L-threo-β-benzyloxyaspartate binding to glutamate transporters  
 AUTHOR(S): Shimamoto, Keiko; Otsubo, Yasuto; Shigeri, Yasushi; Yasuda-Kamatani, Yoshimi; Satoh, Masamichi; Kaneko, Shuji; Nakagawa, Takayuki  
 CORPORATE SOURCE: Suntory Institute for Bioorganic Research, Wakayamadai, Shimamoto-cho, Mishima-gun, Osaka, Japan  
 SOURCE: Molecular Pharmacology (2007), 71(1), 294-302  
 CODEN: MOFMA3; ISSN: 0026-895X  
 PUBLISHER: American Society for Pharmacology and Experimental Therapeutics  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 864937-05-3P  
 RL: ARG (Analytical reagent use); PKT (Pharmacokinetics); SPN (Synthetic preparation); ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses) (characterization of tritium-labeled analog of L-threo-β-benzyloxyaspartate binding to glutamate transporters)  
 RN 864937-05-3 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-(ethyl-1,2-t2)benzoylamino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



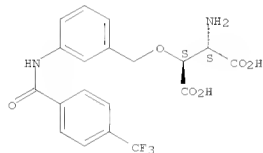
OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD  
 (5 CITINGS)  
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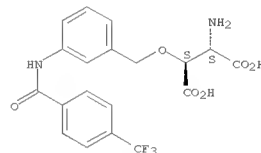
L3 ANSWER 4 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2006:129293 CAPLUS  
 DOCUMENT NUMBER: 144:324958  
 TITLE: Elucidation of glutamate transporter functions using selective inhibitors  
 AUTHOR(S): Shimamoto, Keiko  
 CORPORATE SOURCE: Suntory Institute for Bioorganic Research, 1-1-1 Wakayamadai, Shimamoto-cho, Mishima-gun, Osaka, 619-8503, Japan  
 SOURCE: Shinkai Kenkyu no Shimo (2005), 49(6), 850-854  
 CODEN: SKNSAF; ISSN: 0001-8724  
 PUBLISHER: Igaku Shoin Ltd.  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: Japanese  
 IT 480439-73-4, TFB-TBOA  
 RL: BSU (Biological study, unclassified); BIOL (Biological study) (elucidation of glutamate transporter functions using selective inhibitors)  
 RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid,  
 3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
 , (3S)- (CA INDEX NAME)

Absolute stereochemistry.



L3 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2006:24201 CAPLUS  
 DOCUMENT NUMBER: 144:142897  
 TITLE: Facilitative effect of a glutamate transporter inhibitor (2S,3S)-3-[[3-[[4-(trifluoromethyl)benzoyl]amino]benzyloxy]aspartate on the expression of methamphetamine-induced behavioral sensitization in rats  
 AUTHOR(S): Fujio, Mayumi; Nakagawa, Takayuki; Suzuki, Yuichi; Satoh, Masamichi; Kaneko, Shuji  
 CORPORATE SOURCE: Department of Molecular Pharmacology, Graduate School of Pharmaceutical Sciences, Kyoto University, Kyoto, 606-8501, Japan  
 SOURCE: Journal of Pharmacological Sciences (Tokyo, Japan) (2005), 99(4), 415-418  
 CODEN: JPSTGJ; ISSN: 1347-8613  
 PUBLISHER: Japanese Pharmacological Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 IT 480439-73-4  
 RL: PAC (Pharmacological activity); BIOL (Biological study) (facilitative effect of a glutamate transporter inhibitor [[(trifluoromethyl)benzoyl]amino]benzyloxy]aspartate on expression of methamphetamine-induced behavioral sensitization in rats)  
 RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid,  
 3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
 , (3S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD  
 (1 CITINGS)  
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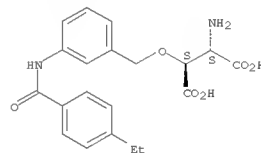
L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
 ACCESSION NUMBER: 2005:1042190 CAPLUS  
 DOCUMENT NUMBER: 143:306541  
 TITLE: Preparation of radiolabeled 3-[[3-(benzoylamino)benzyloxy]aspartic acid derivatives  
 INVENTOR(S): Shimamoto, Keiko; Saji, Hideo; Kuge, Yuji; Ueda, Masashi; Satoh, Masamichi; Nakagawa, Takayuki  
 PATENT ASSIGNEE(S): Suntory Limited, Japan  
 SOURCE: PCT Int. Appl., 47 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

| PATENT NO.             | KIND  | DATE     | APPLICATION NO. | DATE       |
|------------------------|---|----------|-----------------|------------|
| WO 2005090268          | A1  | 20050929 | WO 2005-JP5600  | 20050318   |
| W:                     | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GR, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, |          |                 |            |
| ZW:                    | RW: BW, GE, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG  |          |                 |            |
| EP 1732864             | A1  | 20061220 | EP 2005-721527  | 20050318   |
| R:                     | AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR  |          |                 |            |
| JP 2007529412          | T   | 20071025 | JP 2006-529410  | 20050318   |
| US 20080248485         | A1  | 20081009 | US 2006-593034  | 20060915   |
| PRIORITY APPLN. INFO.: |   |          | JP 2004-79116   | A 20040318 |
|                        |   |          | WO 2005-JP5600  | W 20050318 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
 OTHER SOURCE(S): CASREACT 143:306541; MARPAT 143:306541  
 IT 864937-04-2P  
 RL: DGN (Diagnostic use); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of radiolabeled [(benzoylamino)benzyloxy]aspartic acid derivs.  
 as glutamate transporter inhibitors)  
 RN 864937-04-2 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-ethylbenzoyl]amino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

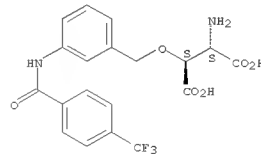
Absolute stereochemistry.

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN (Continued)



IT 480439-73-4 864937-05-3D, tritium-labeled  
 RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (preparation of radiolabeled [(benzoylamino)benzyloxy]aspartic acid derivs.  
 as glutamate transporter inhibitors)  
 RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid,  
 3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
 , (3S)- (CA INDEX NAME)

Absolute stereochemistry.



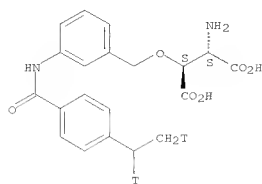
RN 864937-05-3 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-(ethyl-1,2-t2)benzoyl]amino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

Absolute stereochemistry.

EXR: Michael Barker

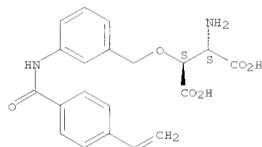
10/593034

L3 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN (Continued)



IT 864937-03-1P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of radiolabeled [(benzoylamino)benzyloxy]aspartic acid  
 derivs. as glutamate transporter inhibitors)  
 RN 864937-03-1 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[(4-ethenylbenzoyl)amino]phenyl]methoxy]-, (3S)-  
 (CA INDEX NAME)

Absolute stereochemistry.



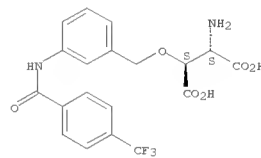
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L3 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:299120 CAPLUS  
 DOCUMENT NUMBER: 142:442183  
 TITLE: A novel L-glutamate transporter inhibitor reveals  
 endogenous D-aspartate homeostasis in rat  
 pheochromocytoma MPTI cells  
 AUTHOR(S): Koyama, Hayato; Sekine, Masae; Furuchi, Takemitsu;  
 Katane, Masumi; Nimura, Noriyuki; Shimamoto, Keiko;  
 Nakajima, Terumi; Homma, Hiroshi  
 CORPORATE SOURCE: School of Pharmaceutical Sciences, Kitasato  
 University, Minato-ku, Tokyo, 108-8641, Japan  
 SOURCE: Life Sciences (2005), 76(25), 2933-2944  
 CODEN: LIFSAK; ISSN: 0024-3205  
 PUBLISHER: Elsevier B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

IT 480439-73-4  
 RL: BUU (Biological use, unclassified); PAC (Pharmacological activity);  
 BIOL (Biological study); USES (Uses)  
 (glutamate transporter inhibitor reveals endogenous D-aspartate  
 homeostasis in rat pheochromocytoma MPTI cells)  
 RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid,  
 3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
 , (3S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS  
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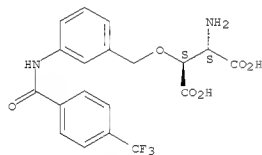
L3 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:214287 CAPLUS  
 DOCUMENT NUMBER: 143:146338  
 TITLE: Effects of a novel glutamate transporter blocker,  
 (2S,3S)-3-[[3-[[4-(trifluoromethyl)benzoylamino]benzyloxy]aspartate  
 (TFB-TBOA), on activities of hippocampal neurons  
 AUTHOR(S): Tsukada, Shota; Iino, Masae; Takayasu, Yukihiko;  
 Shimamoto, Keiko; Ozawa, Seiji  
 CORPORATE SOURCE: Department of Neurophysiology, Gunma University  
 Graduate School of Medicine, 3-39-22 Showa-machi,  
 Maebashi, Gunma, 371-8511, Japan  
 SOURCE: Neuropharmacology (2005), 48(4), 479-491  
 CODEN: NEUPHW; ISSN: 0028-3908  
 PUBLISHER: Elsevier B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

IT 480439-73-4, TFB-TBOA  
 RL: PAC (Pharmacological activity); BIOL (Biological study)  
 (effects of a novel glutamate transporter blocker,  
 (2S,3S)-3-[[3-[[4-(trifluoromethyl)benzoylamino]benzyloxy]aspartate  
 (TFB-TBOA), on activities of hippocampal neurons)

RN 480439-73-4 CAPLUS  
 CN L-Aspartic acid,  
 3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
 , (3S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS  
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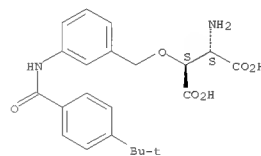
L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:292674 CAPLUS  
 DOCUMENT NUMBER: 141:16890  
 TITLE: Characterization of novel  
 L-threo-β-benzyloxyaspartate derivatives, potent  
 blockers of the glutamate transporters  
 AUTHOR(S): Shimamoto, Keiko; Sakai, Ryuichi; Takaoka, Kiyo;  
 Yumoto, Noboru; Nakajima, Terumi; Amara, Susan G.;  
 Shigeri, Yasushi  
 CORPORATE SOURCE: Suntory Institute for Bioorganic Research, Osaka,  
 618-8503, Japan  
 SOURCE: Molecular Pharmacology (2004), 65(4), 1008-1015  
 CODEN: MOFMA3; ISSN: 0026-895X  
 PUBLISHER: American Society for Pharmacology and Experimental  
 Therapeutics  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

IT 479690-57-8 480439-69-8 480439-73-4  
 RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological  
 activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (characterization of novel L-threo-β-benzyloxyaspartate derivs.,  
 potent blockers of glutamate transporters)

RN 479690-57-8 CAPLUS  
 CN L-Aspartic acid, 3-[[3-[[4-(1,1-  
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Absolute stereochemistry.



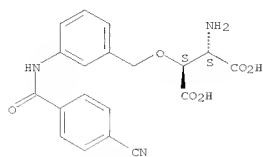
RN 480439-69-8 CAPLUS  
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 (CA INDEX NAME)

Absolute stereochemistry.

EXR: Michael Barker

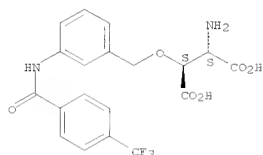
10/593034

L3 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN (Continued)



RN 480439-73-4 CAPLUS  
CN L-Aspartic acid,  
3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 39 THERE ARE 39 CAPLUS RECORDS THAT CITE THIS  
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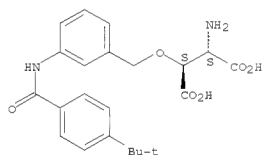
L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN  
ACCESSION NUMBER: 2003:5966 CAPLUS  
DOCUMENT NUMBER: 138:72990  
TITLE: Preparation of  $\beta$ -(aminobenzyloxy)aspartate  
derivatives as glutamate transporter inhibitors  
INVENTOR(S): Shimamoto, Keiko  
PATENT ASSIGNEE(S): Suntory Limited, Japan  
SOURCE: PCT Int. Appl., 51 pp.  
CODEN: PIXXD2  
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PATENT INFORMATION:

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE        |
|---|------|----------|-----------------|-------------|
| WO 2003000698   | A1   | 20030103 | WO 2002-JP6286  | 20020624    |
| W: AU, BR, CA, CN, IL, JP, KR, US   |      |          |                 |             |
| FW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR    |      |          |                 |             |
| AU 2002345364   | A1   | 20030108 | AU 2002-345364  | 20020624    |
| EP 1397370  | A1   | 20040317 | EP 2002-743696  | 20020624    |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR |      |          |                 |             |
| JP 2005504016   | T    | 20050210 | JP 2003-507101  | 20020624    |
| US 20040242652  | A1   | 20041202 | US 2004-481237  | 20040719    |
| US 7247652  | B2   | 20070724 |                 |             |
| US 20070238783  | A1   | 20071011 | US 2007-808970  | 20070614    |
| US 7666906  | B2   | 20100223 |                 |             |
| PRIORITY APPLN. INFO.:  |      |          | JP 2001-190022  | A 20010622  |
|   |      |          | WO 2002-JP6286  | W 20020624  |
|   |      |          | US 2004-481237  | A3 20040719 |

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT  
OTHER SOURCE(S): CASREACT 138:72990; MARPAT 138:72990  
IT 479690-57-8P, TBU-Bza-TBOA 480439-69-8P, CN-Bza-TBOA  
480439-73-4P, CF3-Bza-TBOA  
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES  
(Uses)  
(preparation of (aminobenzyloxy)aspartate derivs. as glutamate  
transporter  
inhibitors)  
RN 479690-57-8 CAPLUS  
CN L-Aspartic acid, 3-[[3-[[4-(1,1-  
dimethylethyl)benzoyl]amino]phenyl]methoxy]-, (3S)- (CA INDEX NAME)

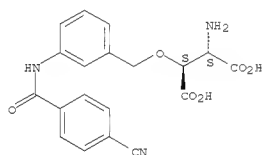
Absolute stereochemistry.

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN (Continued)



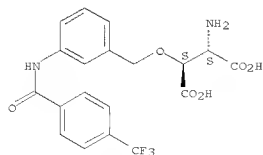
RN 480439-69-8 CAPLUS  
CN L-Aspartic acid, 3-[[3-[[4-(cyanobenzoyl)amino]phenyl]methoxy]-, (3S)-  
(CA INDEX NAME)

Absolute stereochemistry.



RN 480439-73-4 CAPLUS  
CN L-Aspartic acid,  
3-[[3-[[4-(trifluoromethyl)benzoyl]amino]phenyl]methoxy]-  
, (3S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS  
RECORD (6 CITINGS)  
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

L3 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2010 ACS on STN (Continued)  
RECORD. ALL CITATIONS AVAILABLE IN THE RE  
FORMAT

EXR: Michael Barker